

Serial No. 10/684,645
Art Unit 2821

Amendment C

Amendments to and Listing of the Claims:

1-12. Cancelled.

13. (Original) An antenna tower reinforcement, for use with an antenna tower, comprising:
a light-weight shell having a cross-sectional shape similar to that of an antenna tower and a diameter greater than the tower;
a plurality of spacers attached to the tower;
at least one stiffening members distributed between said shell and antenna tower and attached to at least two of the plurality of spacers;
the shell being attached to the at least one stiffening member and formed so as to have an outward appearance similar to that of the antenna tower such that when the tower and shell combination is viewed the tower and shell combination appears to be the tower alone.

14. (Original) The antenna tower reinforcement of claim 13, wherein the at least one stiffening members are structural steel members.

15. (Original) The antenna tower reinforcement of claim 13, wherein the at least one stiffening members are attached to the spacers by welding.

16. (Original) The antenna tower reinforcement of claim 13, wherein the light-weight shell is constructed of light gauge galvanized steel.

17. (Previously presented) The antenna tower reinforcement of claim 13, wherein the light-weight shell extends from near a base of the antenna tower to a height less than the height of the antenna tower.

18. (Original) The antenna tower reinforcement of claim 17, wherein the

Serial No. 10/684,645
Art Unit 2821

Amendment C

attachment of the shell to the at least one stiffening member creates a volume between the shell and tower, extending from the base to the top of the shell, wherein cables may be threaded.

19. (Original) The antenna tower reinforcement of claim 13, wherein the stiffening members are comprised of a plurality of structural steel shapes.

20. (Original) The antenna tower reinforcement of claim 19, wherein the structural steel shapes are steel plates welded together into a generally "Z" shaped member.

21. (Original) The antenna tower reinforcement of claim 13, including three stiffening members spaced equally apart on the circumference of the tower, each being attached to at least two of the plurality of spacers.

22. (Original) The antenna tower reinforcement of claim 13, wherein each stiffening member is approximately the length of the shell and when attached to the tower and shell is hidden by the shell.

23-28. Cancelled.

29. (Previously presented) An antenna tower reinforcement for use with a monopole antenna tower, the reinforcement comprising:

at least one stiffening member;

the at least one stiffening member comprising first, second and third plate sections;

the first and second plate sections being generally parallel;

each of the first and second plate sections being joined to the third plate section so as to form the at least one stiffening member with a generally "Z" shaped cross-section;

the at least one stiffening member attached to the antenna tower such that the stiffening member reinforces the tower.

Serial No. 10/684,645
Art Unit 2821

Amendment C

30. (Previously presented) The antenna tower reinforcement of claim 29, further comprising:

- a plurality of spacer elements;
- the plurality of spacer elements attached to the antenna tower;
- the first plate section of the at least one stiffening member attached to the plurality of spacer elements.

31. (Previously presented) The antenna tower reinforcement of claim 29, further comprising:

- a shell;
- the shell attached to the second plate section of the at least one stiffening member;
- the shell having a cross-sectional shape similar to that of the antenna tower and having a larger cross-section than the antenna tower at any height of the shell.

32. (Currently amended) An antenna tower reinforcement for use with a monopole antenna tower, the reinforcement comprising:

- at least one stiffening member;
- a shell;
- the at least one stiffening member attached to the antenna tower such that the stiffening member reinforces the tower;
- the shell attached to the at least one stiffening member;
- the shell having a cross-sectional shape similar to that of the antenna tower and having a larger cross-section than the antenna tower at any height of the shell,

wherein the at least one stiffening member comprises first, second and third plate sections, the first and second plate sections being generally parallel, and each of the first and second plate sections being joined to the third plate section so as to form the at least one stiffening member with a generally "Z" shaped cross-section.

Serial No. 10/684,645
Art Unit 2821

Amendment C

33. (Previously Presented) The antenna tower reinforcement of claim 32, further comprising:

a plurality of spacer elements;

the plurality of spacer elements attached to the antenna tower;

the at least one stiffening member attached to the plurality of spacer elements.

34. Cancelled.